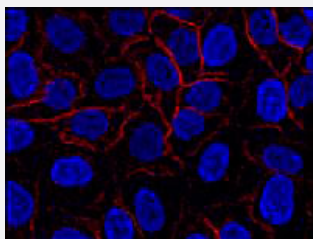


AHNAK monoclonal antibody, clone EM-09

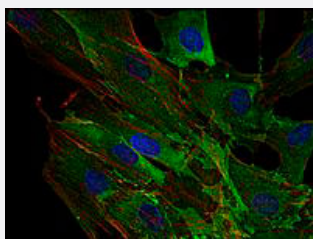
Catalog # MAB3607 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of AHNAK in HeLa cell line using AHNAK monoclonal antibody, clone EM-09 (Cat # MAB3607 ; red). Cell nuclei stained with DAPI (blue).



Immunofluorescence

Immunofluorescence staining of AHNAK in human primary fibroblasts using AHNAK monoclonal antibody, clone EM-09 (Cat # MAB3607 ; green). Actin filaments were decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant AHNAK.
Immunogen	Recombinant protein corresponding to N-terminus human AHNAK.
Host	Mouse
Theoretical MW (kDa)	700
Reactivity	Human, Mouse
Specificity	This antibody reacts with AHNAK, a 700 KDa multi-functional adaptor protein expressed mainly in epithelial cell, various types of muscle cells and immune cells.

Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry
- Immunofluorescence

Immunofluorescence staining of AHNAK in HeLa cell line using AHNAK monoclonal antibody, clone EM-09 (Cat # MAB3607 ; red). Cell nuclei stained with DAPI (blue).

- Immunofluorescence

Immunofluorescence staining of AHNAK in human primary fibroblasts using AHNAK monoclonal antibody, clone EM-09 (Cat # MAB3607 ; green). Actin filaments were decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).

- Immunoprecipitation

Gene Info — AHNAK

Entrez GeneID	79026
Gene Name	AHNAK
Gene Alias	AHNAKRS, MGC5395
Gene Description	AHNAK nucleoprotein
Omim ID	103390
Gene Ontology	Hyperlink

Publication Reference

- [No ligand binding in the GB2 subunit of the GABA\(B\) receptor is required for activation and allosteric interaction between the subunits.](#)

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- [Function of GB1 and GB2 subunits in G protein coupling of GABA\(B\) receptors.](#)

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PNAS 2001 Nov; 98(25):14649.

- [Gamma-aminobutyric acid type B receptors with specific heterodimer composition and postsynaptic actions in hippocampal neurons are targets of anticonvulsant gabapentin action.](#)

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